United States Patent an OFFICE FIRST NAMED APPLICANT

UNITED STATES DEPARTMENT OF COMMERCI United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS

U.S. APPLICATION NUMBER NO.

10/593,540

Morohiro Mitsuya

ATTY. DOCKET NO. BY0042P

INTERNATIONAL APPLICATION NO

PCT/JP05/05991

I.A. FILING DATE

PRIORITY DATE

03/23/2005

03/23/2004

CONFIRMATION NO. 4472 371 FORMALITIES LETTER

OC000000023462152

MERCK AND CO., INC P O BOX 2000 RAHWAY, NJ 07065-0907

Date Mailed: 04/20/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/19/2006
- Copy of the International Search Report filed on 09/19/2006
- Copy of IPE Report filed on 09/19/2006
- Preliminary Amendments filed on 09/19/2006
- Oath or Declaration filed on 09/19/2006
- U.S. Basic National Fees filed on 09/19/2006
- Priority Documents filed on 09/19/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Processing fee of \$130 for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

\$130 for English translation surcharge required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION? WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT,

Complete if Known MISC. FEE TRANSMITTAL 10/593,540 Application Number Filing Date September 19, 2006 Patent fees are subject to annual revision. First Named Inventor Morohiro Mitsuya Examiner Name To Be Assigned To Be Assigned Group Art Unit TOTAL AMOUNT OF PAYMENT \$130 Attorney Docket Number BY0042P METHOD OF PAYMENT ■ Deposit Account Deposit Account Number 13-2755 Deposit Account Name Merck & Co., Inc. The Director is authorized to:

Credit any overpayments X Charge fee(s) indicated below Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 FEE CALCULATION **FEES** Large Entity Fee Fee **Fee Description** Fee Paid Code (\$) Surcharge - late filing fee or oath 1051 130 Non-English Specification 1051 130 1812 2,520 For filing a request for ex parte reexamination Filing a brief in support of an appeal 1402 500 Petition to revive - unavoidable 1452 500 Petition to revive - unintentional 1,500 1453 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 Submission of Information Disclosure Statement 790 1809 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 790 For each additional invention to be examined (37 CFR 1.129(b)) 1840 130 Statutory Terminal Disclaimer under 37 CFR 1.321 Submission of English translation Other fee (specify) 130 Other fee (specify) 10593540

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TOTAL

\$130

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	Richard C. Billups			Reg. Number	31,916
Signature	10 100/	Date	05/08/2007	Deposit Account User ID	
THE RESIDENCE PROPERTY OF THE					

deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date appearing below.

JERCK & CO., INC.

mm "Misc Transmittal Fee (FEES Folder), Merck & Co., Inc. 10/11/2005

PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Morohiro Mitsuya

Serial No .:

10/593,540

Case No.: BY0042P

US Nat'l Filing Date: September 19, 2006

Int'l Appl'n No.:

PCT/JP05/05991

Int'l Filing Date:

March 23, 2005

For:

SUBSSTITUTED QUINAZOLE OF PYRIDOPYRIMIDINE

DERIVATIVES

Commissioner for Patents Alexandria, Virginia 22313-1450

Sir:

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE US DESIGNATED/ELECTED OFFICE (DO/EO/US)

In response to the Notification of Missing Requirements Under 35 U.S.C. 371, mailed April 20, 2007, a copy of which is attached hereto, enclosed is a translation of the application into English.

Enclosed herewith is a Fee Transmittal form authorizing payment of the \$130.00 surcharge. If there are any deficiencies, please also charge these to Merck Deposit Account number 13-2755.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date appearing below

MERCK & CO., INC.

Date

Date: May 8, 2007

Enclosure

Respectfully submitted,

Richard C. Billups, Reg. No. 31,916

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VERIFICATION OF TRANSLATION

I, Seita KOITO, a Japanese Patent Attorney registered No. 13222 having my business office at Banyu Pharmaceutical Co., Ltd., Kitanomaru Square, 1-13-12, Kudankita, Chiyoda-ku, Tokyo 102-8667, Japan, do hereby certify:

- 1. That I am familiar with the Japanese language and the English language; and
- 2. That, to the best of my knowledge and belief, the attached document represents a true and correct English language translation of PCT international application No. PCT/JP2005/005991, our case No. BY-0042Y, which was filed with the Japanese Receiving Office on March. 23, 2005.

Signed at Tokyo, Japan, this 21st day of August, 2006

Seita KOITO